Greene Barry E Form 4 March 11, 2013

## FORM 4

Check this box

if no longer

subject to

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

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January 31, 2005

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**OMB APPROVAL** 

Section 16. Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person \*

Greene Barry E

2. Issuer Name and Ticker or Trading

Symbol

**ALNYLAM** 

PHARMACEUTICALS, INC.

[ALNY]

(Last) (First) (Middle)

3. Date of Earliest Transaction

(Month/Day/Year) 03/08/2013

Director X\_ Officer (give title

10% Owner Other (specify

President and COO

5. Relationship of Reporting Person(s) to

(Check all applicable)

C/O ALNYLAM

PHARMACEUTICALS, INC, 300

THIRD STREET

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Issuer

below)

CAMBRIDGE, MA 02142

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquii	ed, Disposed of,	or Beneficial	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securit onor Dispos (Instr. 3,	ed of	` '	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	03/08/2013		M(1)	24,000	A	\$ 0.95	28,572	D	
Common Stock	03/08/2013		S <u>(1)</u>	24,000	D	\$ 24.4279 (2)	4,572	D	
Common Stock							2,312	I	by Managed Account

(3)

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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 0.95	03/08/2013		M <u>(1)</u>		24,000	<u>(4)</u>	11/06/2013	Common Stock	24,000

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Greene Barry E

C/O ALNYLAM PHARMACEUTICALS, INC
300 THIRD STREET

President
and COO

CAMBRIDGE, MA 02142

# **Signatures**

/s/ Michael P. Mason, Attorney-in-Fact for Barry E.

Greene

03/11/2013

\*\*Signature of Reporting Person Date

# **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported on this Form 4 were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on November 19, 2012
- (2) Sale prices ranged from \$24.15 to \$24.97
- (3) The reporting person owns 2,312 shares of ALNY common stock under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.

Reporting Owners 2

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(4) The stock option vests as to 25% of the shares on the 1st year anniversary of the grant and as to an additional 6.25% of the shares on the last day of each calendar quarter thereafter.

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